

## PROF. BLAKE AS CHEF.

He Gives an Audience a Demonstration of Cooking by Electricity.

Prof. Lucien I. Blake explained the process of cooking by electricity to a crowded house at the Y. M. C. A. auditorium last night. The professor had supplied himself with the necessary utensils and divided his time between lecturing and cooking.

The process of cooking is very simple. Heat is developed by a strong current of electricity passing over a wire of high resistance. The wire is enclosed with a light cover of porcelain and a thin iron plate. German silver or iron wire are used as either affords a very high resistance. In his cooking experiment the professor performed a somewhat unusual feat in culinary art. He roasted beef and baked pie in the same oven. The pan in which the four pound roast was held contained a little water and the pie was steamed rather than baked, but it was disposed of with apparent relish by visitors. Four or five pounds of weinerwurst, some eggs and beefsteak went the same way, but in turning the batter cakes the professor landed part of them on the carpet.

Cooking by electricity is more expensive than by the older methods. The oven costs \$33 and the gridiron \$12. For the cooking last night the oven required thirteen amperes at a cost of two cents an hour per ampere. About seven amperes are required for the gridiron.

Some of the professor's methods of cooking were criticised by women after the lecture. He salted the gridiron instead of the beefsteak and sliced his pie with a chisel. He told the audience that the usual odor of cooking could not be noticed, which led them to question the professor's knowledge of the facts or the senses of their own nostrils.

Prof. Blake also stated that the light shed by the sun on the World's fair grounds reduced to an electrical standard amounted to 17 million horse power while man proposed to light the same grounds by electricity with 15,000 horse power and call it as light as day.

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